

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VII  
726 MINNESOTA AVENUE  
KANSAS CITY, KANSAS 66101**

IN THE MATTER OF:

Knapheide Manufacturing Co.  
West Quincy, Missouri;

Respondent.

Proceedings under Section 3008  
of the Resource Conservation and  
Recovery Act of 1976, as amended,  
42 U.S.C. §§ 6901 et seq. and  
Section 325 of the Emergency  
Planning and Community  
Right-to-Know Act of 1986, as  
amended, 42 U.S.C. §§ 11001 et seq.

Docket Nos. VII-92-H-0008  
and VII-93-T-499-E

First Modification to  
Consolidated  
Consent Agreement and  
Consent Order

**FIRST MODIFICATION**

**TO CONSOLIDATED CONSENT AGREEMENT AND CONSENT ORDER**

This First Modification to Consolidated Consent Agreement and Consent Order ("Modification Agreement") is made to the Consolidated Consent Agreement and Consent Order ("Consent Order") filed in this matter on March 4, 1993.

**WHEREAS**, the United States Environmental Protection Agency ("EPA"), Region VII, and the Respondent, The Knapheide Mfg. Co. ("Knapheide"), on March 4, 1993 entered into a Consent Order contemplating the performance of certain supplemental environmental projects at the Respondent's facility located at West Quincy, Missouri;



R00079979  
RCRA Records Center

**WHEREAS**, catastrophic flooding occurring during 1993 resulted in the Respondent ceasing operations at the West Quincy, Missouri facility and moving those operations to Quincy, Illinois at a temporary location, with plans to relocate those operations in Quincy, Illinois at a permanent location;

**WHEREAS**, in order to allow the Respondent to perform environmentally beneficial supplemental projects under the Consent Order, and in response to the changed circumstances;

**NOW, THEREFORE**, EPA and the Respondent mutually agree to the following modifications to the Consent Order:

1. The Respondent shall not submit an Environmental Audit Plan, conduct an Environmental Audit, or submit an Environmental Audit Report for the West Quincy, Missouri facility as provided in the Consent Order.

2. Within 60 calendar days of the effective date of this Modification Agreement, Respondent shall submit to EPA descriptions of the following identified SEPs, which EPA considers are potentially eligible for offset under Section III.E of the Consent Order, either as performed or to be performed in the future. The descriptions shall include a cost estimate/budget, implementation schedule and statement of environmental benefits for such projects:

- a. A SEP to examine the environmental impact of the flood on the West Quincy, Missouri facility. An initial examination of the facility indicated above-ground fuel and product tanks which were damaged during the flood. The SEP will remove these non-waste containing tanks and remediate environmental damage, if any, which may be discovered during the SEP examination, and which may have been caused by releases from these tanks during the flood. A SEP to address any other environmental impact of

the flood on the West Quincy, Missouri facility identified through this SEP examination shall be included in the SEP Report (hereinafter defined) to be submitted to EPA for consideration under Paragraph 5 of this Modification Agreement.

b. A SEP identifying the activities performed by the facility prior to the flood, either on or off the facility premises, to prevent or minimize the environmental damage from the flood to the West Quincy, Missouri area, provided that any activities aimed at minimizing such environmental damage are beyond good management practices. These activities shall be documented in a report provided to EPA with appropriate financial documentation of the costs therein.

c. A SEP to install waste minimization or pollution prevention equipment in the existing temporary facility in Quincy, Illinois that reduces the discharges from the painting process more than required by the appropriate state regulatory agency.

d. A SEP to examine technologies previously not used by the Respondent for use in the permanent facility to be located in the Quincy, Illinois area. This SEP may include pollution prevention and waste minimization components, provided the goal of the minimization project is to minimize discharges more than required by the appropriate state regulatory agency.

3. Within 60 calendar days of the effective date of this Modification Agreement, Respondent shall submit to EPA a Supplemental Environmental Project Investigation Plan ("SEP Plan") for Respondent's facilities located or to be located in the Quincy, Illinois area. The SEP Plan shall be designed to identify environmental improvements that may be made in addition to those that are submitted above. The SEP Plan shall be completed by one or more independent

third parties with no affiliation or financial interest in the Respondent or any parent, subsidiary or affiliate thereof. The SEP Plan shall provide:

- a. a statement of the qualifications of the Respondent's project officer;
- b. a cost estimate/budget for the SEP Plan, SEP investigation and SEP Report;
- c. a schedule for the performance of the SEP investigation; and
- d. the procedures that will be followed during the SEP investigation and developing the SEP Report, described below.

4. Upon EPA approval of the SEP Plan, Respondent shall conduct a SEP investigation of the facilities by fully implementing the approved SEP Plan in accordance with the schedule set forth therein. The approved SEP Plan, inclusive of any modifications, shall be incorporated into and become a part of this Order. The SEP Plan, SEP investigation and SEP Report shall have an offset ratio of 60:100; that is, for every dollar spent on the SEP Plan, SEP investigation and SEP Report, sixty cents shall be credited against the outstanding balance of the civil penalty. EPA and Respondent agree that \$37,176.21 in qualifying expense for the Plan has been expended as of the effective date of this Modification Agreement.

5. Within 60 calendar days after completion of the activities specified in the SEP Plan, Respondent shall submit to EPA a SEP Report ("SEP Report"), which shall include the following information:

- a. a description of the facilities and current compliance status of Respondent's operations at the facilities, including identification of waste streams, emissions and current releases to all environmental media at the facilities;
- b. each Federal, State or local environmental law or regulation identified as being applicable to the facilities;

c. any other information which, in the judgment of the investigator, merits review or comment, including any recommendation as to suggested improvements and/or modifications which could be made to Respondent's procedures or its facilities to facilitate compliance with environmental laws and regulations or benefit the environment independent of regulatory status, including descriptions of any projects which may constitute SEPs, including a cost estimate/budget and statement of environmental benefits for such SEPs.

6. The parties agree that the SEPs identified pursuant to Paragraphs 2 and 5(c) above shall be treated as if submitted to EPA in the Environmental Audit Report described in the Consent Order pursuant to the process described in Paragraphs 14 through 18 of the Consent Order, and shall contain information sufficient to enable the parties to further evaluate, detail, implement and determine the appropriate offset ratio for credit against the civil penalty.

7. Respondent shall provide access to EPA to the Quincy, Illinois facility or facilities as provided under Paragraph 36 of the Consent Order.

8. Commencing thirty (30) days after the effective date of this Modification agreement, Respondent shall submit to EPA a progress report summarizing Respondent's activities during the thirty (30) day period following the effective date of this Modification Agreement.

9. Thereafter, commencing with the first full calendar quarter following the effective date of this Modification Agreement and within 14 days following completion of the preceding quarter, Respondent shall submit to EPA a quarterly progress report summarizing Respondent's activities during said preceding quarter regarding the closure plan, SEP Plan, SEP investigation,

SEP Report, and SEPs, including a statement of qualifying expenses, detailed monthly at Respondent's option, for offset under Section III.E. of the Consent Order.

10. Within 30 days of completion of each SEP, including the SEPs submitted pursuant to Paragraph 2 of this Modification Agreement, and including the SEP Plan, SEP investigation and SEP Report taken together as a single SEP, Respondent shall submit to EPA a Completion Report summarizing the activities performed for each SEP and certifying completion of those activities.

11. Unless otherwise directed, Respondent shall continue to provide all notices, submittals, coordination and reporting to EPA required under the Consent Order to the Region VII contact identified in the Consent Order and, with respect to the West Quincy, Missouri facility, to the Missouri Department of Natural Resources as identified in the Consent Order. All notices, submittals, coordination and reporting with respect to the Quincy, Illinois facilities, shall be provided to Dan Punzak, Permit Engineer, Division of Air Pollution Control, Illinois Environmental Protection Agency, 2200 Churchill Road, Springfield, Illinois 62794-9276, in addition to the Region VII contact identified in the Consent Order.

12. All written documents and notices to be submitted to Respondent pursuant to the Consent Order shall be directed to Gerry Korb, as indicated in the Consent Order, with a copy to Sandra L. Oberkfell, Esq. at an address to be supplied by Ms. Oberkfell for such submittals.

THE PARTIES AGREE that this Modification Agreement is effective when signed and executed by both parties and so ordered by the Regional Judicial Officer below, and shall be incorporated into and become part of the Consent Order.

For the Respondent:

6/9/94  
Date

Gerry Kolt VP of Ops  
The Knapheide Mfg. Co.

For the Complainant:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Michael J. Sanderson, Acting Director  
Waste Management Division

\_\_\_\_\_  
Date

\_\_\_\_\_  
Robert W. Richards  
Office of Regional Counsel

\_\_\_\_\_  
Date

\_\_\_\_\_  
Becky Ingram Dolph  
Office of Regional Counsel

It is so ordered.

\_\_\_\_\_  
Robert J. Patrick  
Regional Judicial Officer

\_\_\_\_\_  
Date

Mr. Gerry Korb  
Vice President Operations  
The Knapheide Manufacturing Company  
P.O. Box C-140  
Quincy, Illinois 62306-2140

Dear Mr. Korb:

I have received and reviewed your letter of December 15, 1993 concerning my facility visit of December 11, 1993. The meeting was very useful to me. I left Quincy with a much better understanding of the flood damage you suffered and the steps you have taken or plan to take to rebuild your company, improve productivity and to minimize the environmental concerns. I thought our discussion of options that the facility could use to comply with the terms of the Consent Agreement relating to Supplemental Environmental Projects (SEP) was very constructive.

After I reviewed your letter, I have some concerns that we did not successfully communicate on all issues during the meeting. I need to correct or clarify some statements you made in the letter. I will comment on each of your lettered paragraphs, but prior to that I want to state clearly that you must comply with the terms of the Consent Agreement and the EPA guidance for SEPs incorporated therein. There are some areas of the Consent Agreement we discussed modifying, but those modification are to help you comply after the flood significantly changed your operations and made the consent agreement as written not workable. These changes will require revisions of the Consent Agreement before they can be implemented. I want to make sure it is clear that failure to comply with the terms of the Consent Agreement will result in EPA collected the penalties stipulated in the Consent Agreement.

The following are my specific responses to your comments.

A. EPA agrees that you should implement the EPA approved plan for closing this unit. You may need to discuss with the Missouri Department of Natural Resources (MDNR) its approval of the closure plan.

B. The changes in the audit plan we discussed will require revisions to the Consent Agreement. We have submitted to you a draft of the propose changes and need your response to the changes as soon as possible. I am sure your are aware that the audit plan need to be consistent with the final wording of the amendment. For example the revision will specify when the audit plans will be submitted. The revised audit plan for both facilities will include schedules for completion. As we discussed, parts of the approved plan can be implemented now, i.e., interviews of employees, and need not wait for approval of the revision.

C. Eligible SEPs. As stated above, to date EPA has not approved



any specific activity, other than the audit. Some of the ideas discussed, if presented as SEPS, would probably qualify as I stated during the visit.

1. As I told you at the meeting, fighting the flood seems to fall within the concept of good management practices and therefore would not be acceptable for inclusion as SEPs. As you are aware, if the work is definable as good management practices that you could have done with or without a Consent Order, this would not be acceptable as a SEP under the consent agreement. I think it will be very difficult to show any of the pre-flood work was not good management practices.

2. The new paint system may qualify as a SEP if you can demonstrate that the system was not installed as a good management practice or as an effort to comply with Illinois environmental requirements. I will need more information of the function of the system before a definitive decision can be made. I am curious how the Infra Red Technologies processes can convert solvents to CO<sub>2</sub> and H<sub>2</sub>O, especially if the solvents are halogenated.

3. Flood clean up cost are only acceptable for consideration if that clean up is not a good management practice. It is possible that some cleanup activities will be acceptable, while others will not. Any claims under this heading must be well documented.

4. The removal of the Wood Treatment operation building, including the proper disposal of the building and its contents appears to be acceptable, unless you determine that the material is subject to a Federal, State, or Local regulations that would require the removal of this system. I am concerned that this system cleanup and disposal may be subject to RCRA closure and therefore, may not be considered a SEP.

As I stated during the meeting, I would prefer a removal plan stating how you determined its regulatory status and what the removal procedure will be. This does not have to be detailed. If you determine that the building is such a safety hazard that it would be unsafe to wait for this approval, use your best judgment. EPA does not expect you to not ~~unaddressed~~ imminent hazards while we review the submittals.

5. The primary concern for the tanks are the other laws or regulations that may effect these tanks or tank systems. For instance if some of the equipment you are considering removing is a source for the MDNR work at the site, it should not be included as a SEP.

6. This removal may be acceptable as a SEP. The concern I

have is to make sure that the tank system being removed is not regulated by UST or other authorities.

7. My concern for this activity is that your activities are possibly good management practices. If the removal of these paint booths are a requirement of a rental contract or would expected prior to a rental, it would not be acceptable as SEPs.

8. This statement is an error. The cost of the closure of the unit could never be a SEP. My memory of the discussion was that I said the closure would be a very good idea. You stated that you are not using the hazardous waste storage space now and do not intend to use it in the future, therefore per RCRA, you should close the unit. You also stated that this area would be a good area to use for product storage.

9. I discussed the fuel and solvent plumes with MDNR after our meeting. I was informed that they intend to require sampling either prior to the written agreement or as a requirement of the agreement. Based on that information, the work you proposed will not be eligible for inclusion.

10. Solvent recycling may be acceptable as a SEP. As I stated during the meeting, I am concerned with air discharges during the recycling. I will need to review the entire proposal before I can determine its acceptability.

11. Drum Compactors are worthy of consideration as SEP. The proposal for this idea needs to show that this is not identifiable as a good management practice.

12. The use of this contractor may be acceptable as a component of the audit. As I said at the meeting, it would only be a SEP when the contractor is going beyond the minimum requirement for releasing volatile organic component (VOC) emissions of the State of Illinois.

13. Adoption of the new plant cost as SEP requires a modification of the term of the Consent Agreement which is currently being prepared. One that modification is approved, I will look at any proposed project that complies with the terms of the Consent Agreement.

During the meeting we discuss also the rapid submittal of the financial record supporting the SEP cost to date. Some of these records are past due.

I hope this letter and our telephone conversation of January 18, 1993, clarifies the Agency's concerns and positions. If you have any questions, please call me at (913) 551-7455.

Sincerely,

Ruben B. McCullers  
Environmental Scientist  
RCRA Compliance Section

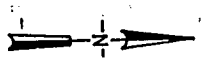
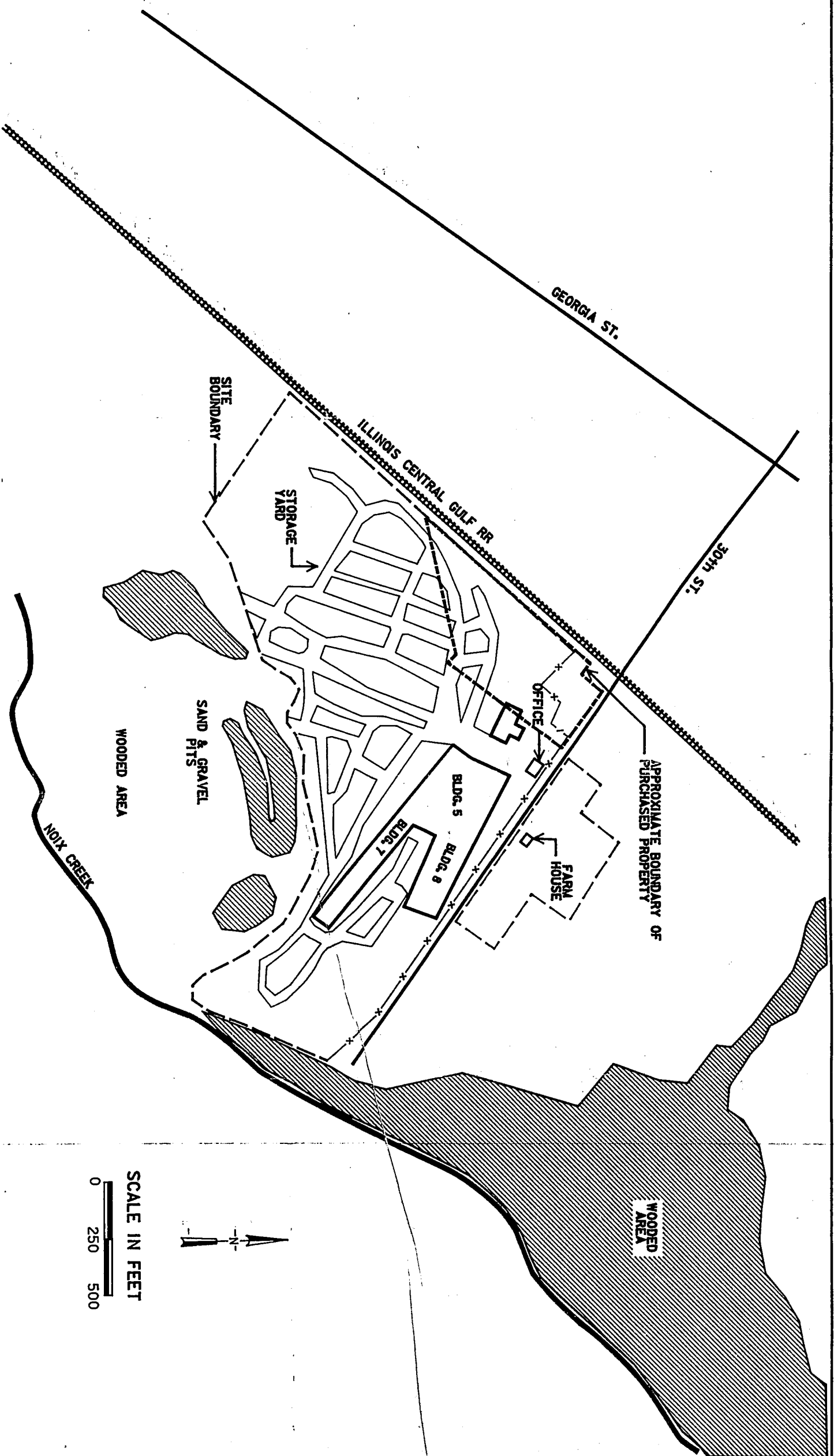
cc. Ed Sadler, MDNR  
Laurie Bobbitt, MDNR

BCC: PRC, Richards, CNSL

Signoff RBM Richards Doyle

VALLEY STEEL COST ESTIMATE  
CORRECTIVE MEASURES

COST ELEMENTS		NEW ASSUMPTIONS	OLD ASSUMPTIONS
RFI/CMS			
	\$300,000		
Ground Water			
Groundwater Extraction System	\$100,000	Pumping rate of 3 gpm per well from ground-water plume of approximately 1.1 million sf and 15 ft depth.	Pumping rate of 3 gpm per well from ground-water plume of approximately 1.1 million sf and 15 ft depth.
Groundwater Treatment System	\$225,000		
Annual Groundwater Treatment @ 10 yrs	\$780,000		
	<u>\$1,105,000</u>		
Concrete Retention Tanks			
Demolition of Concrete Structures	\$45,000	Approximately 850 cy (1,000 tons) of soil excavated from below each tank to depth of 5 ft.	Approximately 225 cy (275 tons) of soil excavated from below tanks to depth of 2 ft.
Soil Excavation	\$7,700		
Transportation and Disposal of Soil	\$350,000		
Transportation and Disposal of Concrete	\$7,000		
	<u>\$410,000</u>		
Pickle Tank Sludge Piles			
Soil Excavation	\$20,000	Approximately 2,300 cy (2,800 tons) of soil excavated from area of two piles (61,250 sf) to depth of 2 ft.	Approximately 225 cy (280 tons) of soil excavated from area of two piles (30,000 sf) to depth of 2 ft.
Transportation and Disposal of Soil	\$980,000		
	<u>\$1,000,000</u>		
South Sand and Gravel Pit			
Sediment Dredging	\$17,400	Approximately 925 cy (1,160 tons) of sediment dredged from area of one pond (125,000 sf) to a depth of two ft.	Approximately 12,000 cy (15,000 tons) of sediment dredged from area of all ponds to a depth of one ft.
Transportation and Disposal of Sediment	\$400,000		
	<u>\$417,000</u>		
Subtotal	\$3,232,000		
25 Percent Contingency	\$804,000	50 Percent Contingency	\$1,616,000
TOTAL COST	\$4,036,000		\$4,848,000



SCALE IN FEET  
 0 250 500

Figure I-1  
 Site Map with Property Boundary  
 Valley Steel Products Company  
 Louisiana, Missouri



**ISE** Environmental  
 Science &  
 Engineering, Inc.  
 A GLCORP Company

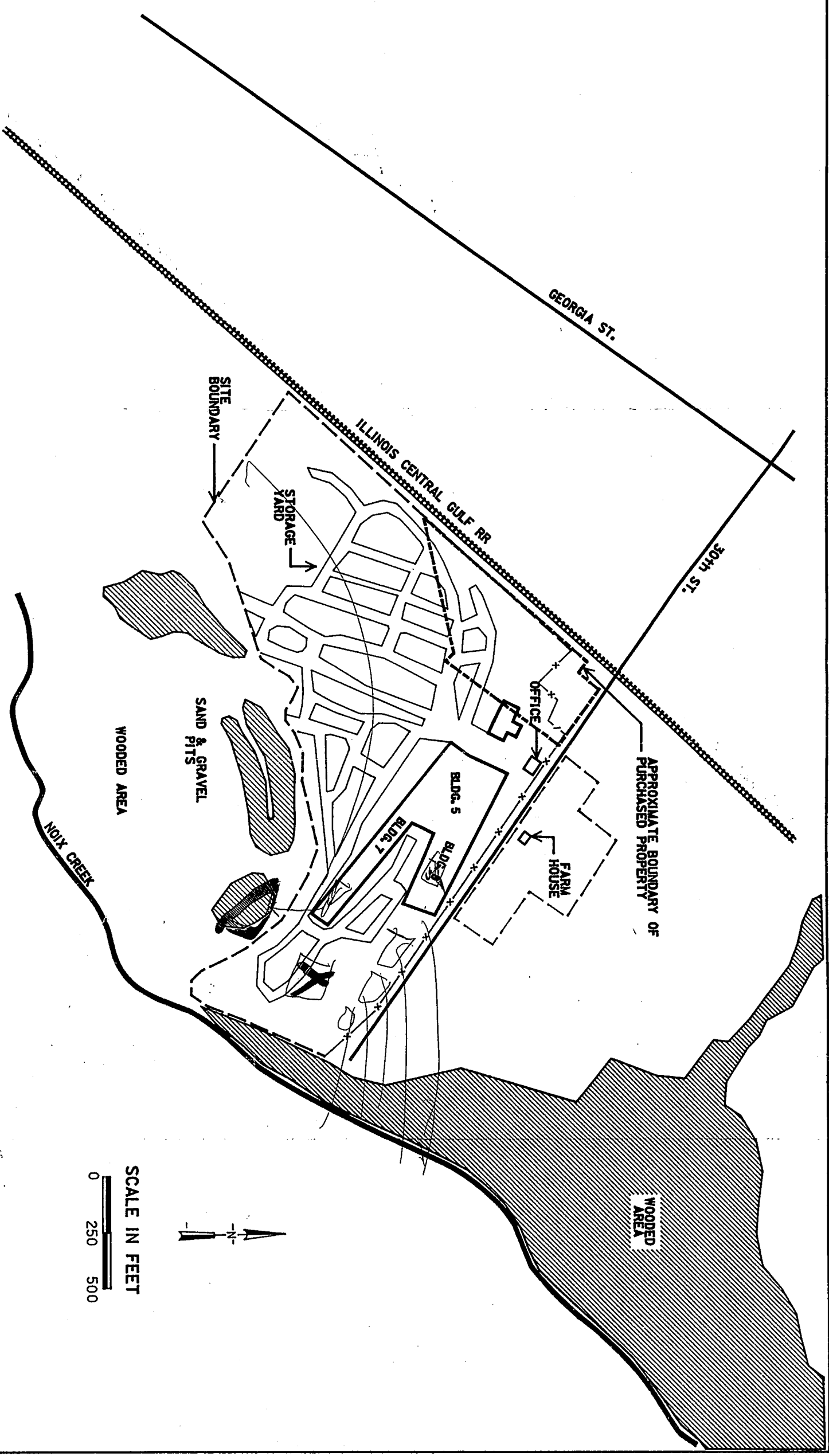


Figure I-1  
 Site Map with Property Boundary  
 Valley Steel Products Company  
 Louisiana, Missouri

**EST**  
A CLCOP Company

**Environmental  
 Science &  
 Engineering, Inc.**

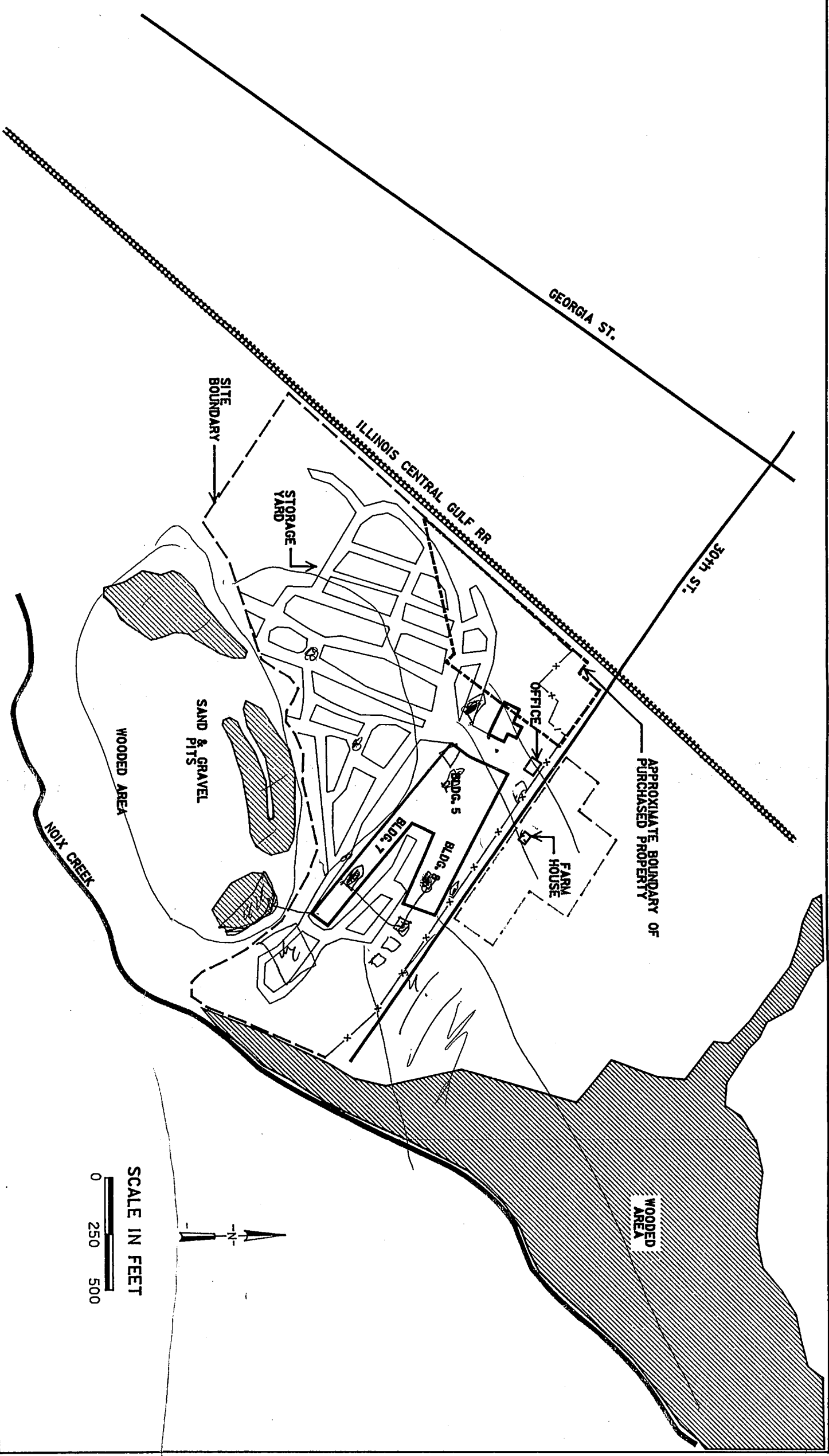


Figure I-1  
 Site Map with Property Boundary  
 Valley Steel Products Company  
 Louisiana, Missouri

# **EPA Green Lights**

## **Detailed Regional Snapshot: Region 7**

December 31, 1995

Date Issued : January 24, 1996







# Green Lights Regional Snapshot - EPA Region 7

December 31, 1995

Page 1

Participation	Number Of Participants	Total Square Footage
<b>Green Lights Partners</b>		
City/County	0	0
Corporate	17	58,710,600
Federal	3	2,650,000
State	2	83,630,000
<b>Green Lights Allies</b>		
Distributor	14	7,346,600
Lighting Management Company	2	12,000
Manufacturing	8	315,200
Utility	4	11,994,200
<b>Green Lights Endorsers</b>	5	N/A
<b>Total</b>	<b>55</b>	<b>164,658,600</b>
<b>Change Since Previous Month</b>	<b>1</b>	<b>1,400,000</b>
Project Status	Number Of Projects	Project Square Footage
Preliminary Surveys	24	1,101,399
Completed Surveys	633	39,308,405
Partial Upgrades	2	152,800
Completed Upgrades	204	25,139,464
<b>Total In The Upgrade Pipeline</b>	<b>839</b>	<b>64,600,669</b>
Pollution Prevention Per Year	Change This Month	Cumulative
Metric Tons Of CO <sub>2</sub>	1,386	80,601
Cars Equivalent	289	16,779
Trees Equivalent (acres)	591	34,370
Metric Tons Of SO <sub>2</sub>	13	758
Metric Tons Of NO <sub>x</sub>	6	347
Pounds Of Beryllium	0	3
Pounds Of Cadmium	0	7
Pounds Of Chromium	4	185
Pounds Of Copper	2	84
Pounds Of Manganese	8	323
Pounds Of Mercury	0	6
Pounds Of Nickel	4	168
Pounds Of Silver	1	36
<b>Returns From Completed Upgrades</b>		
kWh Savings Per Year	64,616,763	
Lighting Load Reductions (kW)	10,278.0	
Energy Cost Savings Per Year	\$ 2,526,486	
<b>Investments In Completed Upgrades</b>		
Total	\$ 15,528,706	
Net Of Rebates	\$ 15,377,419	
<b>Hardware Installed In Completed Upgrades</b>		
T8 Lamps	455,372	
Electronic Ballasts	200,212	
Occupancy Sensors	1,712	
Compact Fluorescents	60,311	
Reflectors	18,832	



# Green Lights Regional Snapshot - EPA Region 7

December 31, 1995

Page 2

## Implementation Indicators

% of Surveyable SqFt that is Completed Surveys	23.9%
% of Upgradeable SqFt that is Completed Upgrades	17.5%
% Late Reporting	14.5%
Average kWh Saved / Square Foot / Year	2.57
Average % Energy Savings	41.0%
Average IRR	9.0%

## Regional Account Schedule

% by Number

% by SqFt

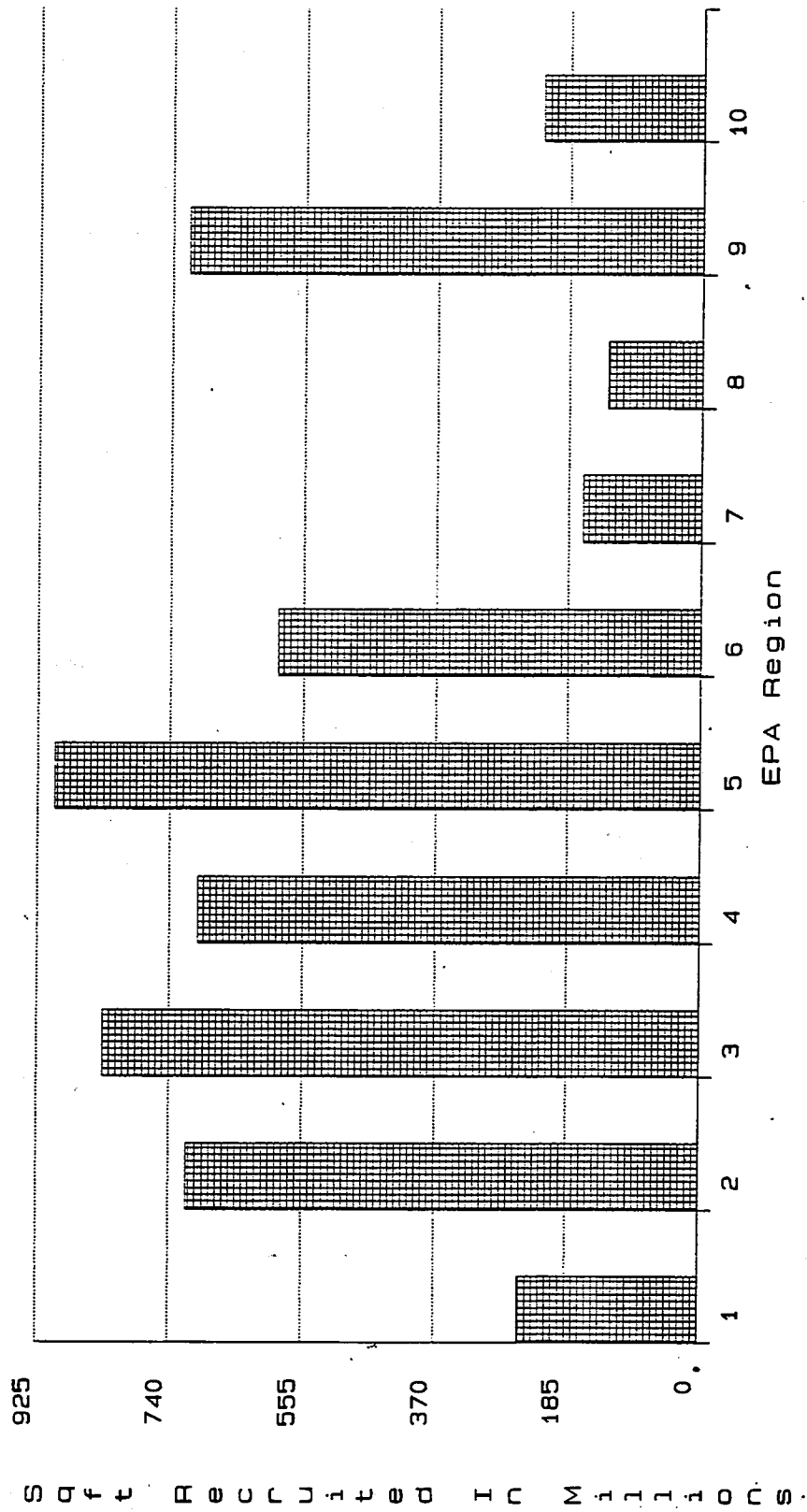
% On/Ahead of Schedule at 1st Anniversary	43%	92%
% On/Ahead of Schedule at 2nd Anniversary	47%	1%
% On/Ahead of Schedule at 3rd Anniversary	57%	3%
% On/Ahead of Schedule at 4th Anniversary	36%	0%
% On/Ahead of Schedule at 5th Anniversary	0%	0%

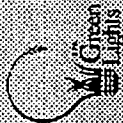


# Green Lights Regional Snapshot

## Graph 1, Total Square Footage Recruited

December 31, 1995

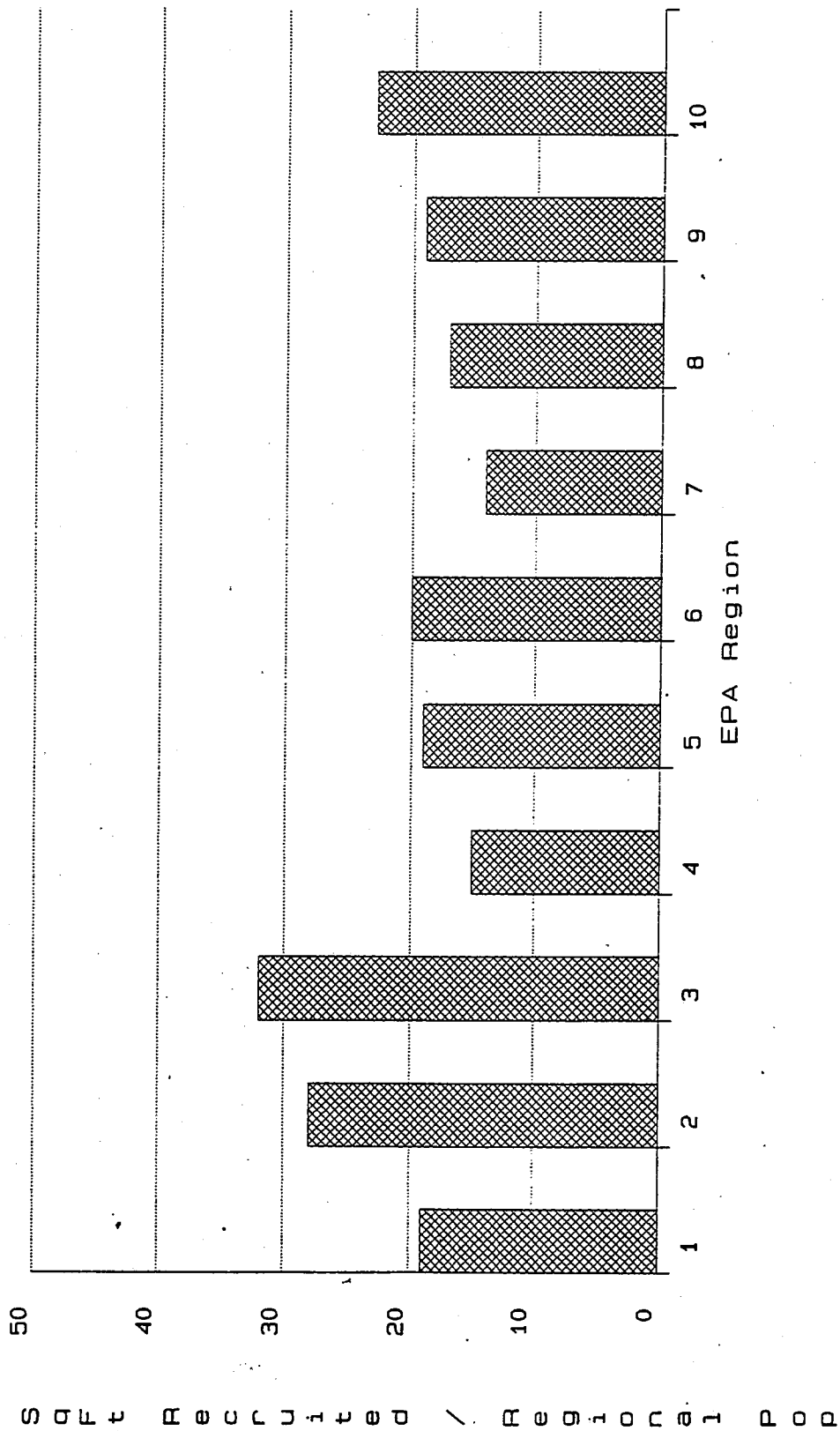




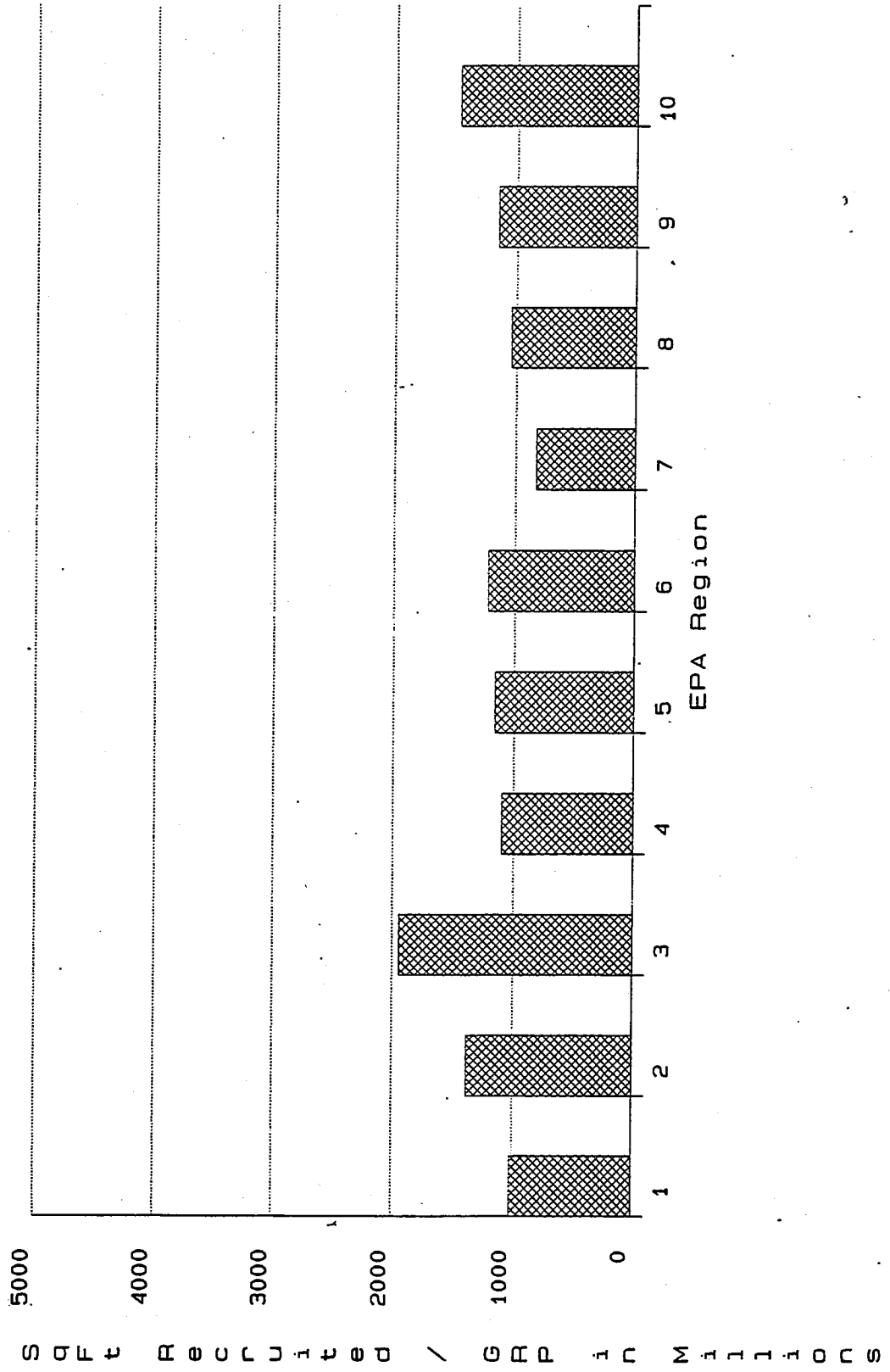
# Green Lights Regional Snapshot

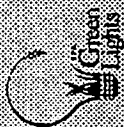
## Graph 2, SqFt Recruited / Regional Population

December 31, 1995



**Green Lights Regional Snapshot**  
**Graph 3, SqFt Recruited / Gross Regional Product in Millions**  
*December 31, 1995*



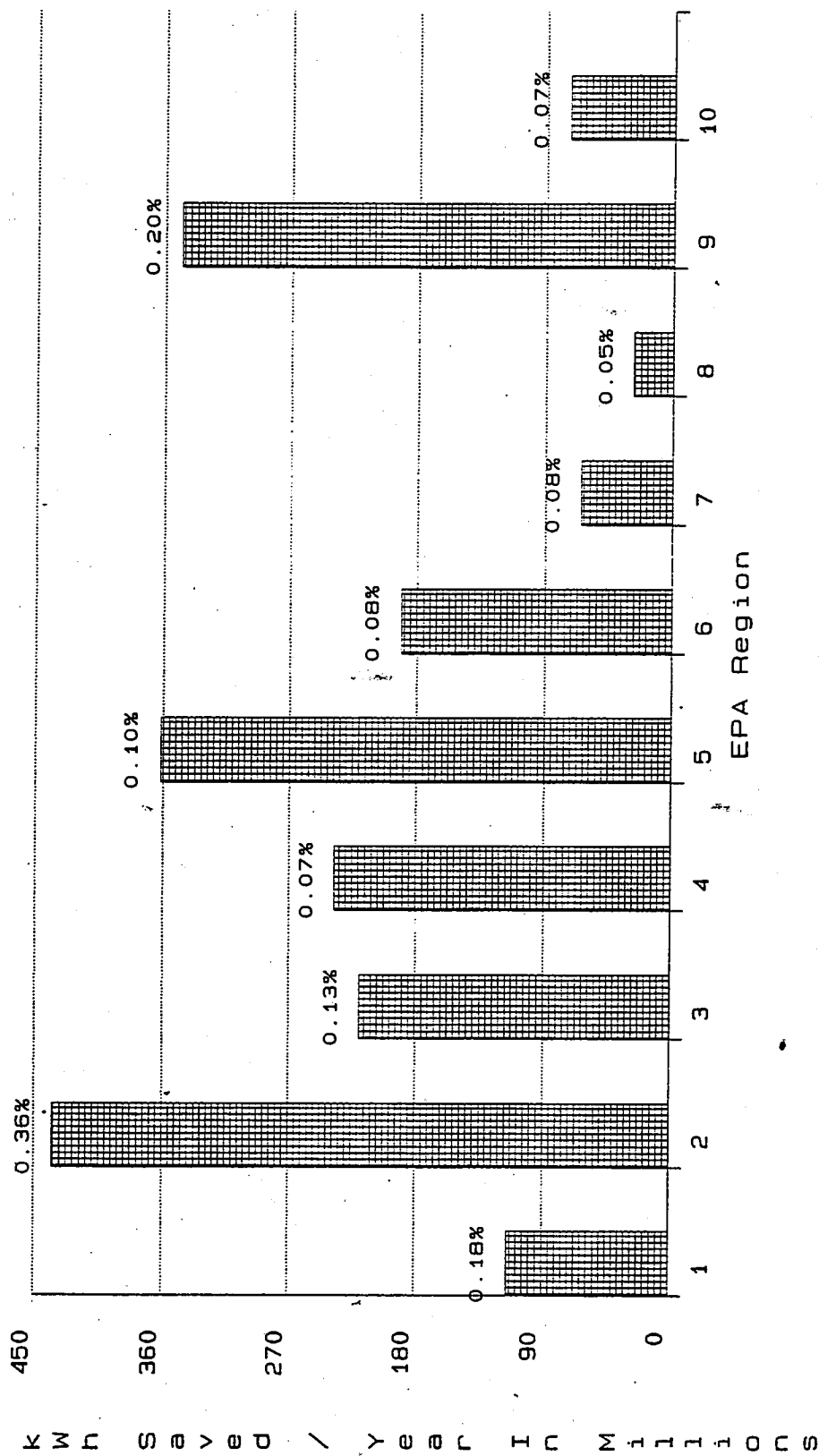


# Green Lights Regional Snapshot

## Graph 4, kWh Saved / Year on Completed Upgrades

December 31, 1995

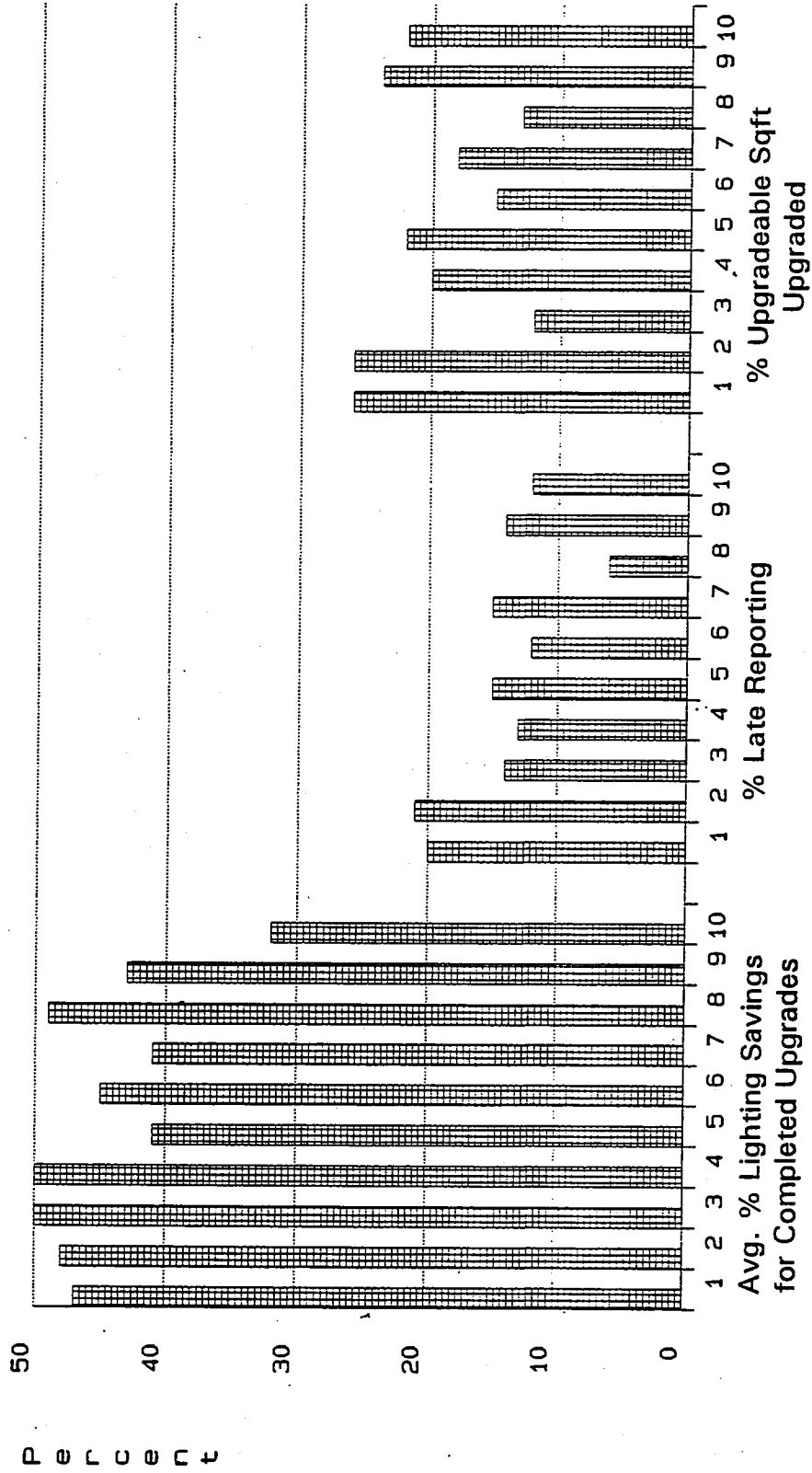
Page 6



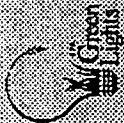
Numbers on top of bars represent lighting electricity saved per year from completed upgrades / total regional electricity sales per year \* 100



# Green Lights Regional Snapshot Graph 5. Lighting Savings, Reporting And Upgrade Analysis December 31, 1995



EPA Region

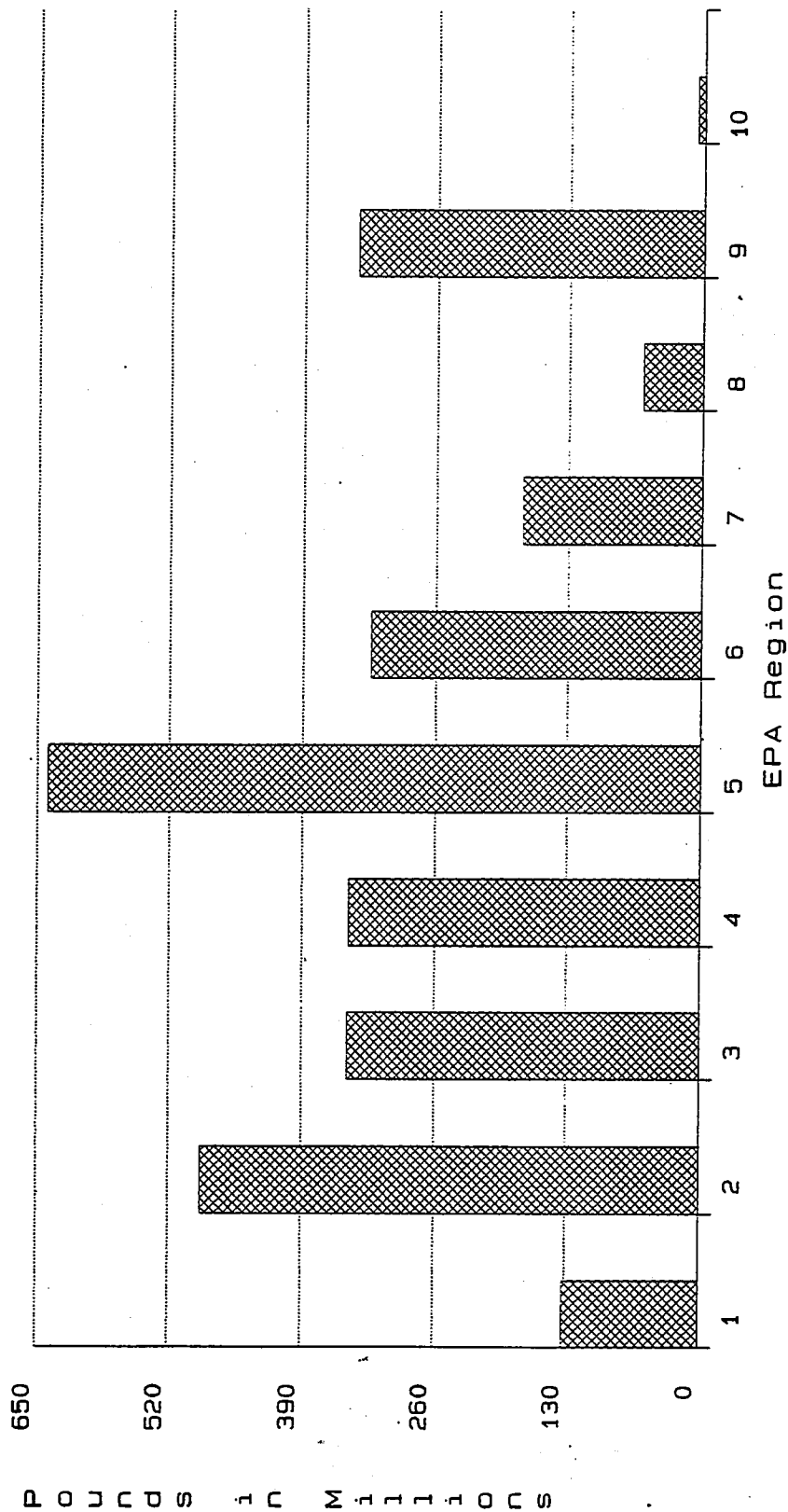


# Green Lights Regional Snapshot

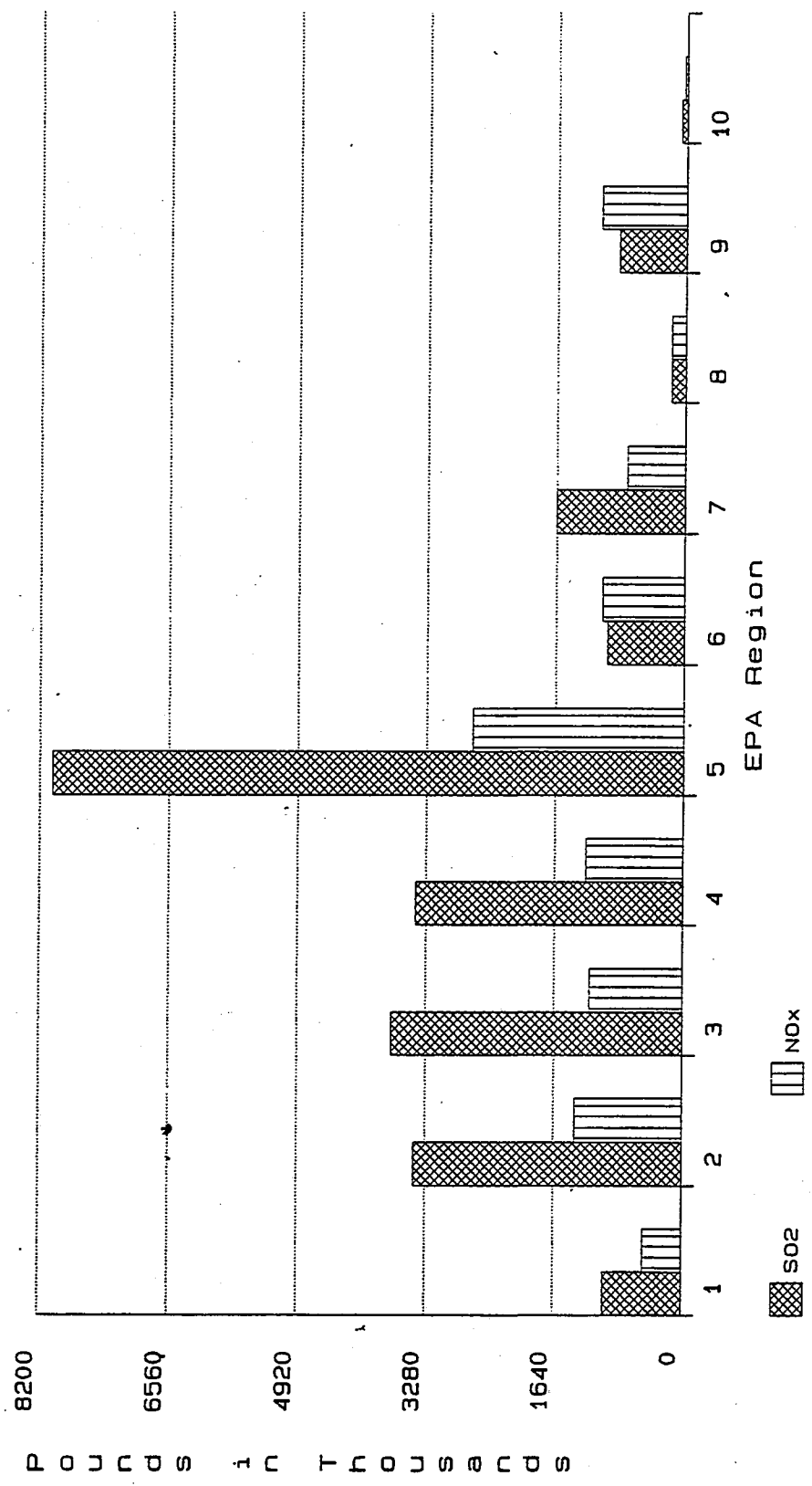
## Graph 6. CO2 Prevented From Completed Upgrades

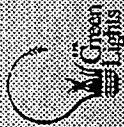
December 31, 1995

Page 8





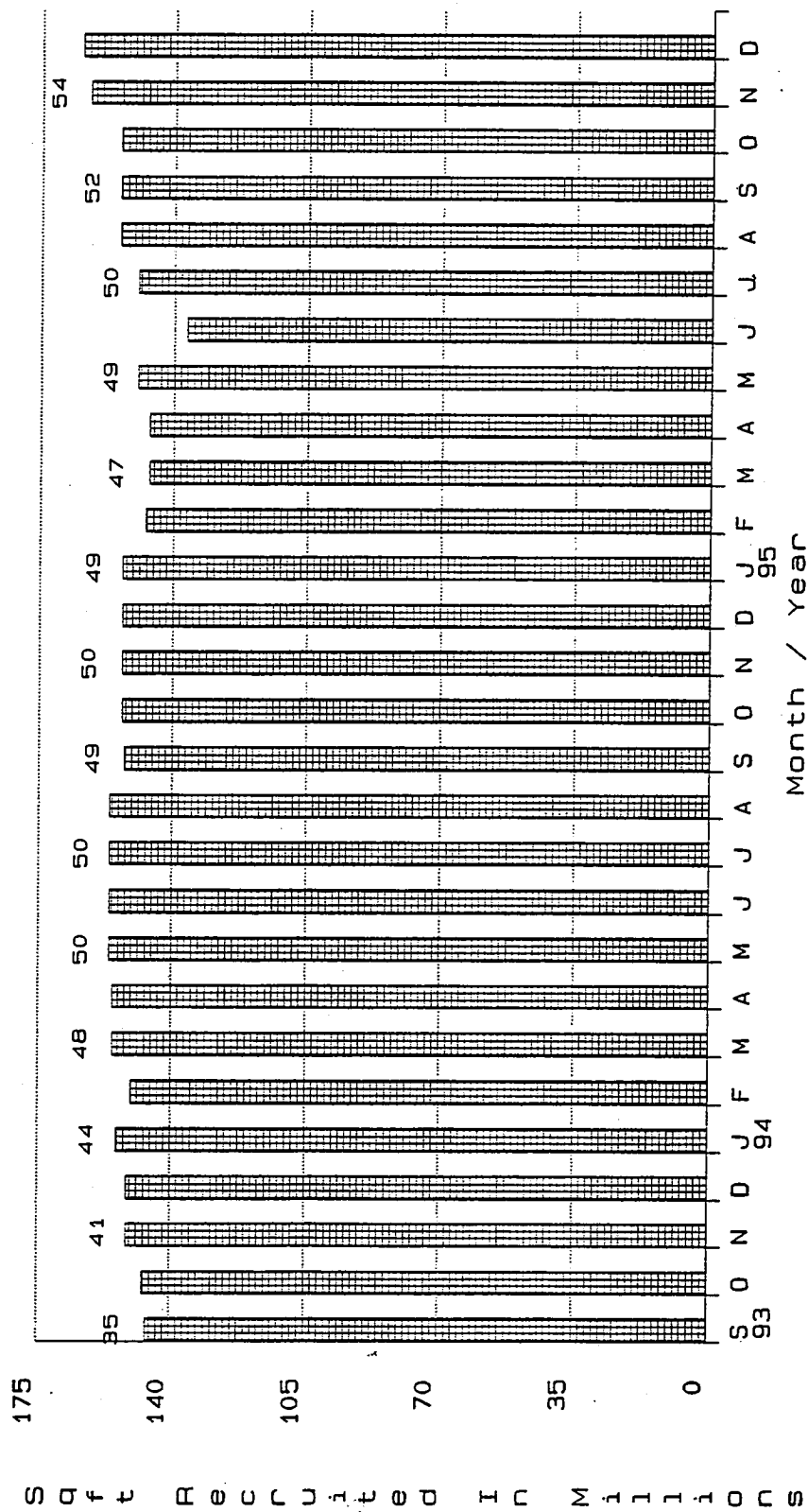




# Green Lights Regional Snapshot - EPA Region 7

## Graph 8, Total Square Footage

December 31, 1995



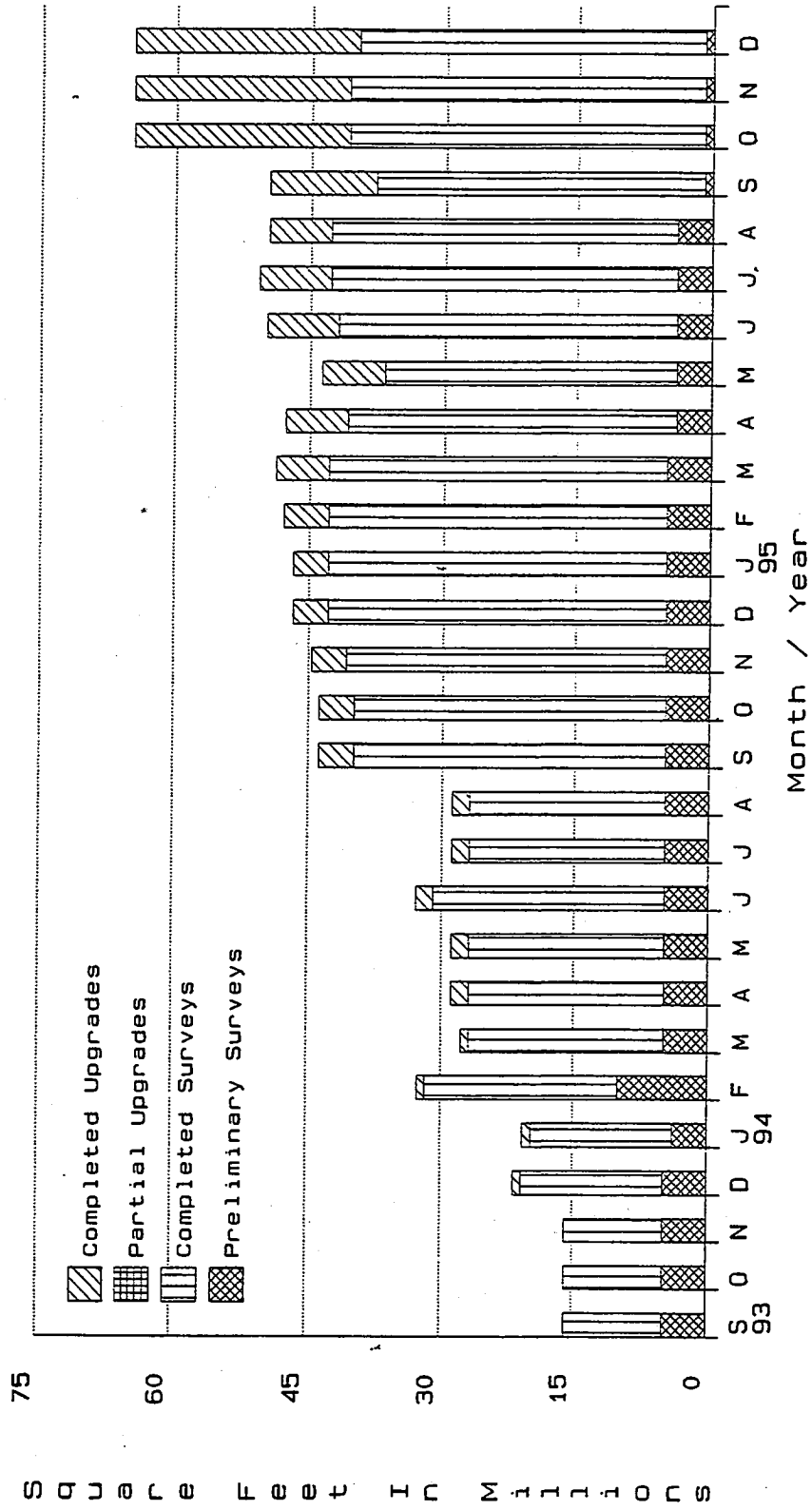
Numbers on top of bars represent total number of participants

# Green Lights Regional Snapshot - EPA Region 7

## Graph 9. Square Footage In The Upgrade Pipeline

December 31, 1995

Page 11

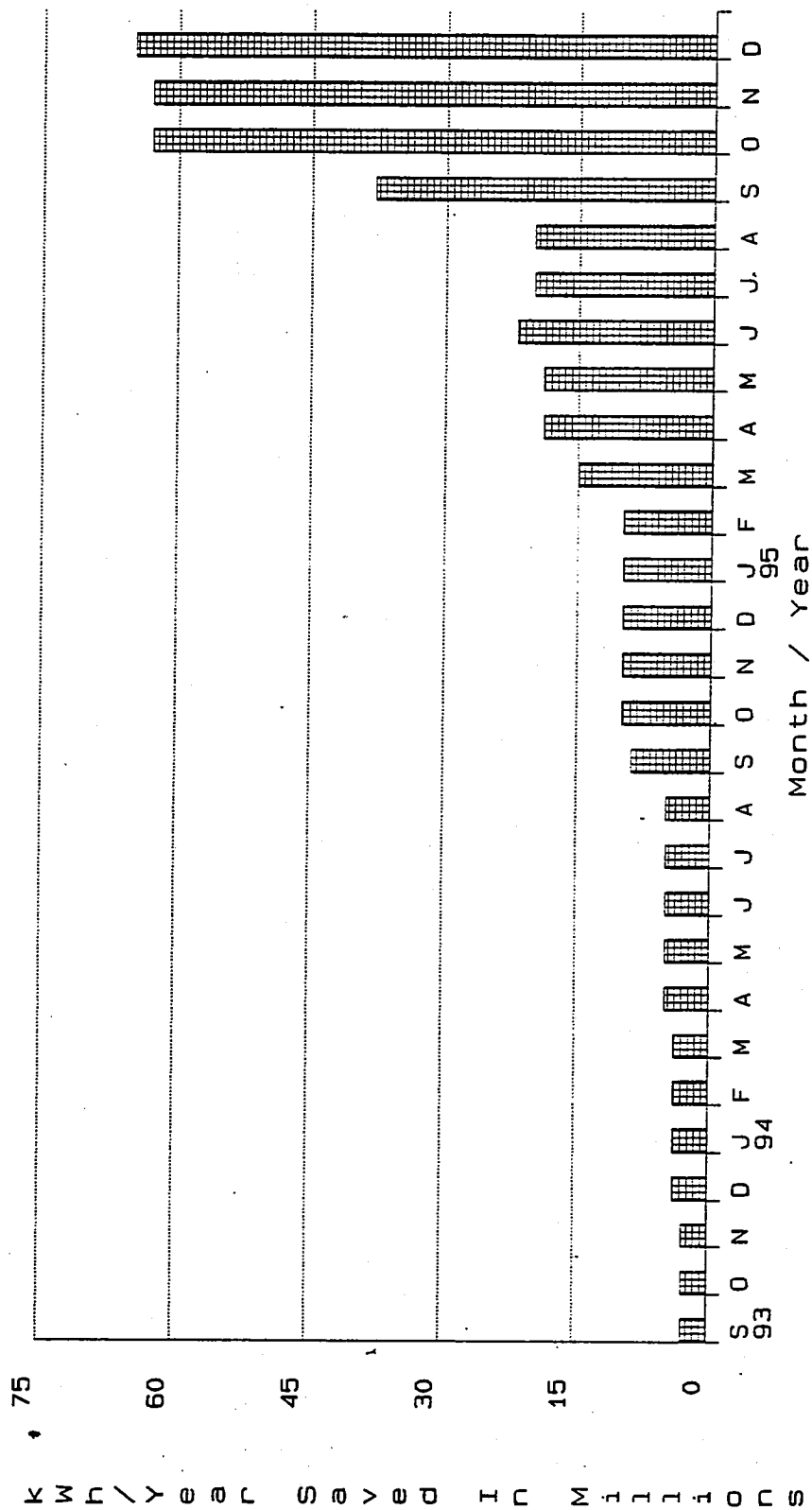




# Green Lights Regional Snapshot - EPA Region 7

## Graph 10, kWh / Year Saved From Completed Upgrades

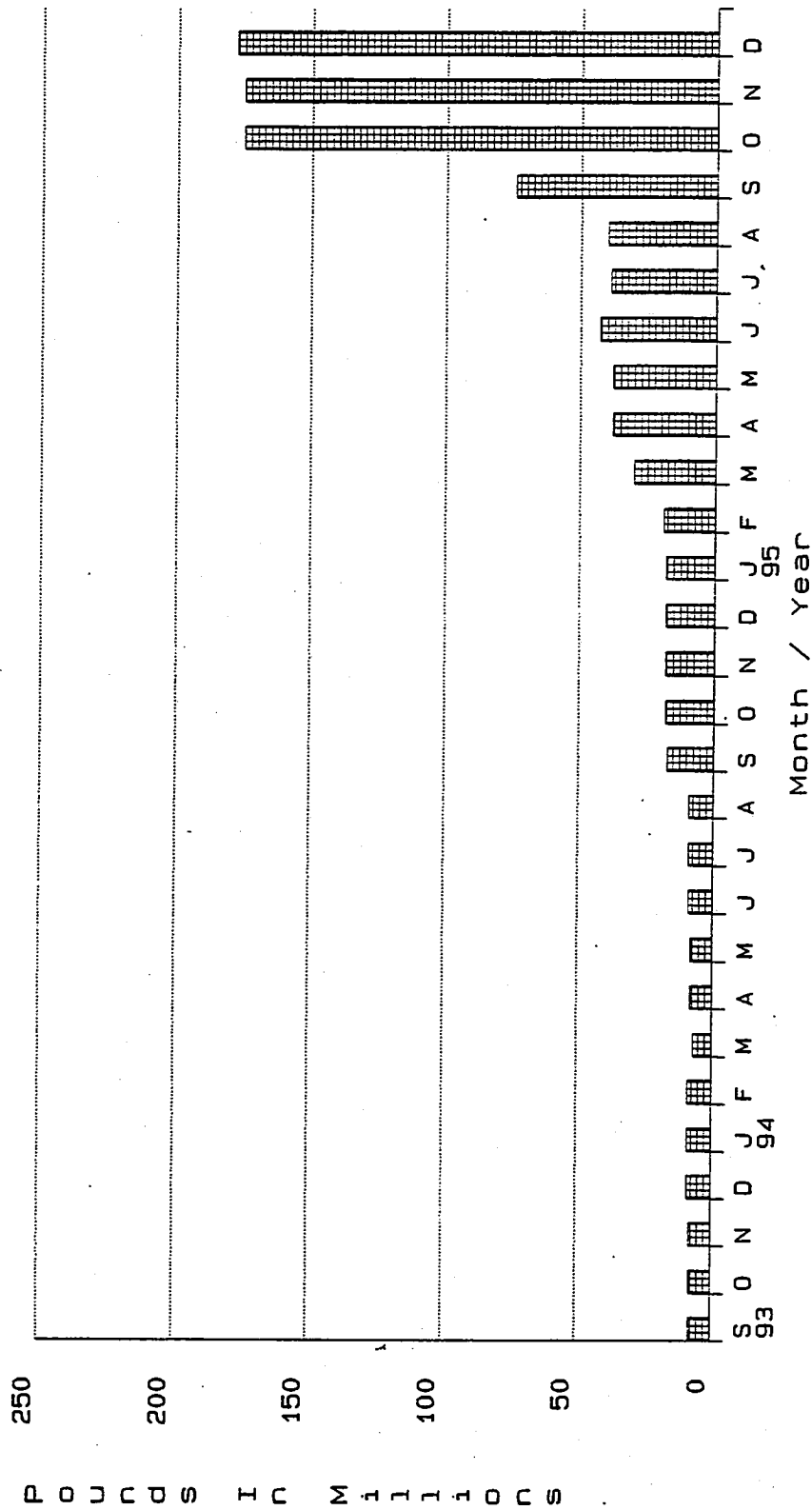
December 31, 1995





# Green Lights Regional Snapshot - EPA Region 7 Graph 11, CO2 Prevented From Completed Upgrades December 31, 1995

Page 13



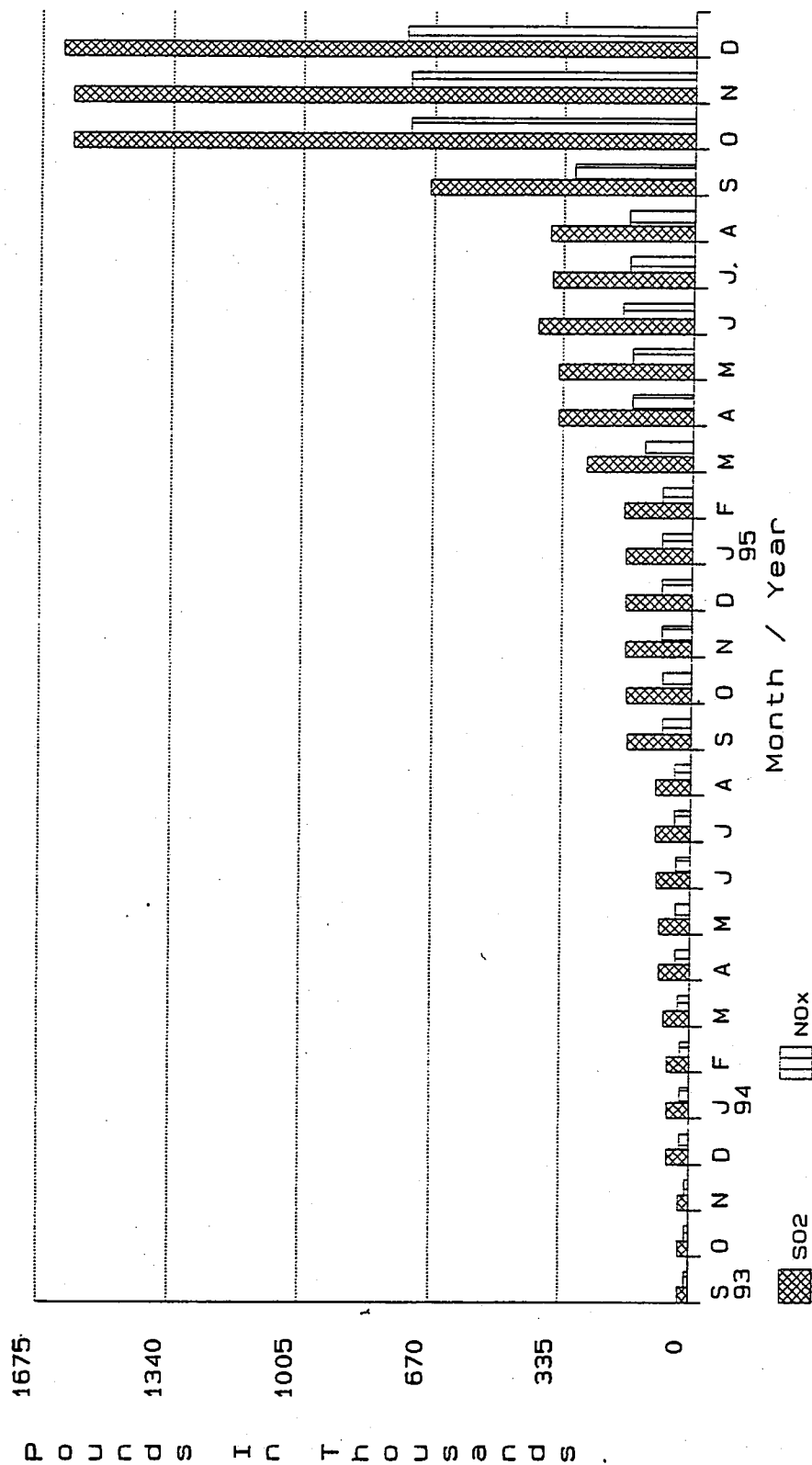


# Green Lights Regional Snapshot - EPA Region 7

## Graph 12, SO<sub>2</sub> And NO<sub>x</sub> Prevented From Completed Upgrades

December 31, 1995

Page 14



Green Lights Regional Snapshot Participants List - EPA Region 7 December 31, 1995				Page 15
State	Participant Name	Implementation Support Specialist	Participant Type	
IA	Adventure Lighting Supply, Ltd.	Andrea Miller	Distributor Ally	
IA	Casey's General Stores, Inc.	Andrea Miller	Corporate Partner	
IA	Davenport Community School District	Andrea Miller	Corporate Partner	
IA	HGN Industries Inc.	Andrea Miller	Corporate Partner	
IA	Iowa Association of Business & Industry		Endorser	
IA	Iowa Hospital Association, Inc.		Endorser	
* IA	Mercy Health Center	David Kim	Corporate Partner	
IA	Principal Financial Group	Andrea Miller	Corporate Partner	
IA	Soil and Water Conservation Society		Endorser	
IA	Statists Communications Inc	Andrea Miller	Corporate Partner	
IA	Stitzell Electric Company	Andrea Miller	Distributor Ally	
IA	Synergy Lighting Corporation	Andrea Miller	Lighting Management Company Ally	
IA	Iowa Army National Guard	Wesley Meyer	Federal Partner	
KS	Guardian Lighting Controls, Inc.	Andrea Miller	Manufacturing Ally	
KS	Kansas City Area Hospital Association		Endorser	
KS	Midwest Conservation Systems	Steve Rosenstock	Manufacturing Ally	
KS	Sharp & Shorten Enterprises	Andrea Miller	Corporate Partner	
KS	Station Wholesale Electric	Andrea Miller	Distributor Ally	
* KS	Wichita Public Schools Unified School District 259	Andrea Miller	Corporate Partner	
KS	Yellow Freight Systems, Inc.	Andrea Miller	Corporate Partner	
MO	A Weatherization Co/Awxco	Andrea Miller	Manufacturing Ally	
MO	Archway Lighting Supply Inc.	Andrea Miller	Distributor Ally	
MO	Butler Supply, Inc.	Andrea Miller	Distributor Ally	
MO	City Lighting Products Company	Andrea Miller	Distributor Ally	
MO	City Utilities of Springfield	Andrea Miller	Distributor Ally	
MO	Claywest House, Inc.	Steve Rosenstock	Utility Ally	
MO	Dazor Manufacturing Corporation	Mick Wilcox	Corporate Partner	
MO	Graybar Electric Company	Andrea Miller	Manufacturing Ally	
MO	HE Williams, Inc.	Andrea Miller	Distributor Ally	
* MO	Independence School District	Andrea Miller	Manufacturing Ally	
MO	International Lighting Manufacturing Company	Andrea Miller	Corporate Partner	
MO	Kansas City Power & Light	Andrea Miller	Manufacturing Ally	
MO	Metropolitan Energy Center	Steve Rosenstock	Utility Ally	
MO	Missouri Valley Electrical Company		Endorser	
MO	The State of Missouri	Steve Rosenstock	Distributor Ally	
MO	Monsanto Company	Andrea Miller	State Partner	
		Ted Jackson	Corporate Partner	



Green Lights Regional Snapshot Participants List - EPA Region 7 December 31, 1995				Page 16	
State	Participant Name	Implementation Support Specialist	Participant Type		
MO	The Original Cast Lighting	Andrea Miller	Manufacturing Ally		
MO	Solar Electric Systems	Andrea Miller	Manufacturing Ally		
MO	Starbeam Supply Company	Andrea Miller	Distributor Ally		
MO	Missouri Army National Guard	Wesley Meyer	Federal Partner		
MO	Union Electric Company	Steve Rosenstock	Utility Ally		
MO	United Electric Supply	Andrea Miller	Distributor Ally		
MO	United Energy of Missouri, Inc.	Andrea Miller	Corporate Partner		
MO	University of Missouri at Columbia	Charlotte Wang	Corporate Partner		
MO	Venture Stores Inc.	Andrea Miller	Corporate Partner		
MO	Villa Lighting Supply, Inc.	Andrea Miller	Distributor Ally		
MO	Western EXTRALITE Company of Kansas City	Andrea Miller	Distributor Ally		
MO	Western EXTRALITE Company of St. Louis	Andrea Miller	Distributor Ally		
MO	Westminster College	Andrea Miller	Corporate Partner		
NE	First Data Resources, Inc.	Andrea Miller	Corporate Partner		
NE	The State of Nebraska	Andrea Miller	State Partner		
NE	Omaha Public Power District	Steve Rosenstock	Utility Ally		
NE	Superior Light & Sign Maintenance Co.	Andrea Miller	Lighting Management Company Ally		
NE	Nebraska Army National Guard	Wesley Meyer	Federal Partner		
NE	Voss Lighting	Andrea Miller	Distributor Ally		





## Green Lights Program

# Introducing... The Green Lights Program



*The U.S.  
Environmental  
Protection Agency's  
Green Lights pro-  
gram is a breath of  
fresh air for the  
nation's environ-  
mental health and  
economic growth.  
By encouraging the  
widespread use of  
energy-efficient  
lighting, Green  
Lights is proving  
that profitability and  
environmental pro-  
tection can go hand  
in hand.*

### How Is Green Lights Making a Difference?

Lighting accounts for 20-25 percent of all electricity sold in the United States. Too often, organizations treat lighting as overhead rather than as an opportunity for investment. By changing this mindset and joining Green Lights, participants realize average rates of return on their initial investment of 30 per-

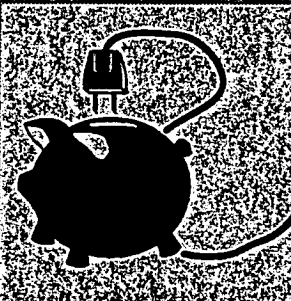
cent or more. They reduce their lighting electricity bill by more than half, while maintaining—and often improving—lighting quality.

If Green Lights were fully implemented in all facility space in the United States, it would save over 65 million kilowatts of electricity annually, reducing the national electric bill by \$16

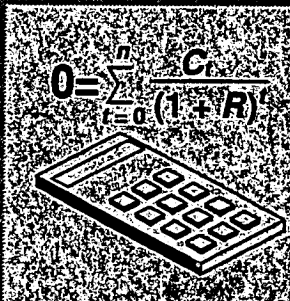
billion per year. These savings could then be invested in new jobs and enhanced productivity. In addition, Green Lights would result in reductions of carbon dioxide, sulfur dioxide, and nitrogen oxides equivalent to 12 percent of U.S. utility emissions, cutting acid rain and smog and helping to slow the greenhouse effect.

### What's the Bottom Line?

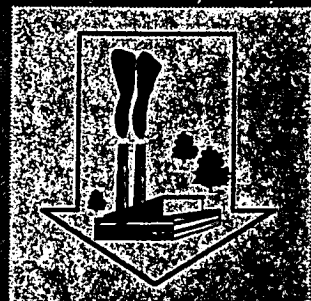
**Electric Bill Savings:**  
**\$16 Billion/Year**



**Average IRR:**  
**30 Percent**



**Air Pollution Cut:**  
**12 Percent**



*By signing the Green Lights Memorandum of Understanding (MOU), senior management makes it clear that energy-efficient lighting is now one of the organization's high priorities. Management is now able to grant authority, approve budgets, streamline procedures, and assign staff to make the upgrades happen.*

## Who Are Green Lights Participants?

The Green Lights roster includes all kinds of organizations from all over the country. In less than 3 years, over 1,150 Partners, Allies, and Endorsers have joined the program.

Partners include corporations of all sizes, nonprofit organizations, and federal, state, and local government agencies. Health care facilities, universities and colleges, and restaurant and

hotel chains are just a few examples of the organizations that have teamed up with EPA to upgrade their lighting systems.

## What Do Participants Commit To?

Green Lights asks its members to sign a Memorandum of Understanding (MOU) with EPA. In the MOU, participants agree to survey 100 percent of their facilities and, within 5

years of signing the MOU, to upgrade 90 percent of the square footage that can be upgraded profitably without compromising lighting quality. Participants also agree to appoint an

implementation manager to oversee their progress in the program, and to report at least annually to EPA on their upgrade progress.

## How Does EPA Support Its Participants?

EPA provides a range of support systems to help Green Lights participants obtain information on energy-efficient lighting technology, financing options, and public recognition opportunities.

**Lighting Services Group:** provides extensive technical support through a technical information hotline, a comprehensive *Lighting Upgrade Manual*, and training workshops.

**Decision Support System:** state-of-the-art computer software that

helps participants survey facilities and select lighting upgrade options that maximize energy savings and meet profitability goals.

**Financing Directory:** user-friendly computer data bases of every third-party financing program available.

**The National Lighting Product Information Program:** objective source of current performance and price information on energy-efficient lighting products.

**Ally Programs:** bring

together members of the lighting industry and electric utilities to encourage customers to use energy-efficient lighting technologies.

**Public Recognition:** participants receive public recognition for their environmental leadership through EPA-generated news articles, media events, and public service advertisements. EPA encourages participants to promote their own Green Lights activities by distributing ready-to-use promotional materials.



EPA - POLLUTION PREVENTER

For more information on how to save money and energy with Green Lights, please contact:

Manager  
Green Lights  
U.S. EPA (6202J)  
Washington, DC 20460  
Fax: 202-775-6680

Or call: 202-775-6650

For more information by fax (available 24 hours a day), call: 202-233-9659



## HAZARDOUS WASTE MANIFESTING PROCEDURE

### I. Scheduling.

- A. The Quality Control Manager will note when any waste has accumulated for 60 days, so that arrangements are made to transport the waste from our premises for disposal before the 90-day limit.
- B. The Quality Control Manager will provide the Facilities Manager with an inventory of all waste to be transported for disposal.
- C. The Facilities Manager will schedule the shipment date with the disposal company.
- D. When a shipment date has been arranged, the Facilities Manager will notify the Quality Control Manager of the date. Arrangements will be made to load the disposal company truck on the shipment date.

### II. Completion of the Manifest.

- A. The Facilities Manager will fill out a "Hazardous Waste Manifest" with respect to all waste to be transported, in accordance with Federal and Missouri regulations. The manifest will be completed per EPA and Missouri DNR instruction sheets (Attachment A) and the attached example (Attachment B). The Missouri instructions contain many requirements in addition to EPA requirements. IT IS ESSENTIAL THAT ALL INFORMATION REQUIRED UNDER THE MISSOURI INSTRUCTIONS BE PROVIDED ON THE MANIFEST IN ADDITION TO EPA REQUIREMENTS.
- B. Item 1 of the Manifest: Knapheide's U.S. EPA I.D. No. is MOD000766998. The Manifest Document No. is a five digit number as follows: the first two digits will be the year shipped; the last three digits are the consecutive shipment number. (See the example in III(B) of this Procedure).
- C. Item A of the Manifest: The Missouri Hazardous Waste Manifest Document No. consists of two parts. The first six digits will always be 004809; the last four digits indicate the consecutive shipment number from the site. (See the example in III(B) of this Procedure.)
- D. Item 15 of the Manifest: The following must be included as additional information:

"IF MATERIAL IS NOT DELIVERABLE,  
RETURN TO GENERATOR."

- E. Use the Missouri form (EPA Form 8700-22/MDNR-HWG10) (as in the example in Attachment B to this Procedure) unless waste is being shipped out of Missouri and the receiving state requires use of the receiving state's form. Although another state's form is used in that situation, all Missouri information required under the Missouri instructions must be provided on that form, regardless whether the receiving state requires such information.
- F. There must be sufficient copies to provide one copy of the manifest to be retained by Knapheide at the time of shipment, one copy for each transporter, one copy for the receiving facility and two copies to be returned to Knapheide. Assuming there is only one transporter, this will mean five copies.
- G. In addition to the manifest, the Facilities Manager will complete a Land Ban Notification Form.

### III. Shipment.

- A. When the disposal company truck is loaded, the Facilities Manager, or in his absence, the Quality Control Manager, will verify the accuracy of the "Hazardous Waste Manifest" and sign and date the same. THE FACILITIES MANAGER OR QUALITY CONTROL MANAGER MUST APPROVE THE ACCURACY AND COMPLETENESS OF EACH MANIFEST AND LAND BAN NOTIFICATION PRIOR TO SHIPMENT.
- B. The Facilities Manager will maintain a manifest log in ascending order. The log will include both the EPA manifest document number and the Missouri manifest document number, as described above under II(B) and (C) of this Procedure. For example, for the year 1992, the document numbers would run as follows:

<u>EPA Manifest No.</u>	<u>Missouri Manifest No.</u>
92033	0021
92034	0022
92035	0023

The log will also contain the date of shipment and a brief description of the material shipped.

- C. The Facilities Manager will retain one copy of the manifest and one copy of the Land Ban Notification. The original Land Ban Notification and all other copies of the manifest, including the original, will be sent with the transporter.

- D. The Facilities Manager will maintain all records regarding hazardous waste transportation and disposal. The Facilities Manager will file quarterly manifest summary reports with the Missouri Department of Natural Resources of all hazardous waste shipments according to the following schedule:

<u>Shipment Dates</u>	<u>Report Due Dates</u>
January 1 - March 31	May 14
April 1 - June 30	August 14
July 1 - September 30	November 14
October 1 - December 31	February 14

- E. When the completed manifest is returned to Knapheide from the receiving facility, it will be attached to Knapheide's copy on file. When the certificate of disposal copy arrives, it will also be attached to the generator copy. If the completed manifest has not been returned within 35 days, the Facilities Manager will contact the transporter and/or the receiving facility to determine the status of the hazardous waste, and will submit a completed exception report to the Missouri Department of Natural Resources within 45 days from the date the waste was accepted by the initial transporter.

Public reporting burden for this collection of information is estimated to average 37 minutes for generators, 15 minutes for transporters, and 10 minutes for treatment, storage and disposal facilities. This includes time for reviewing instructions, gathering data, and completing and reviewing the form. Send comments regarding the burden estimate, including suggestions for reducing the burden, to Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M St., S.W., Washington, D.C. 20460, and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

## MISSOURI DEPARTMENT OF NATURAL RESOURCES HAZARDOUS WASTE MANIFEST

### FEDERAL SECTION INSTRUCTIONS

Items 1 through 20

(SEE BACK FOR MISSOURI INSTRUCTIONS)

PLEASE KEEP INSTRUCTIONS ATTACHED UNTIL DELIVERY OF SHIPMENT IS COMPLETE.

THIS DOCUMENT MUST BE  
USED FOR ALL MISSOURI-  
DESTINED SHIPMENTS

#### GENERATORS

**Item 1. Generator's U.S. EPA ID Number — Manifest Document number**

Enter the generator's U.S. EPA twelve digit identification number and the unique five digit number assigned to this Manifest: (E.G., 00001) by the generator.

**Item 2. Page \_\_\_\_\_ of \_\_\_\_\_**

Enter the 1st page used then the total number of manifests used to document this shipment.

**Item 3. Generator's Name and Mailing Address.**

Enter the name and mailing address of the generator. The address should be the location that will manage the returned Manifest forms.

**Item 4. Generator's Phone Number**

Enter a telephone number where an authorized agent of the generator may be reached in the event of an emergency or who can respond to questions regarding the information on this manifest.

**Item 5. Transporter 1 Company Name**

Enter the company name of the first transporter who will transport the waste.

**Item 6. U.S. EPA ID Number**

Enter the U.S. EPA twelve digit identification number of the first transporter identified in item 5.

**Item 7. Transporter 2 Company Name**

If applicable, enter the company name of the second transporter who will transport the waste. If more than two transporters are used to transport the waste, use a 2nd Manifest Sheet and list the transporters in the order they will be transporting the waste. Every transporter used between the generator and the designated facility must be listed.

**Item 8. U.S. EPA ID Number**

If applicable, enter the U.S. EPA twelve digit identification number of the second transporter identified in item 7.

**Item 9. Designated Facility Name and Site Address**

Enter the company name and site address of the facility designated to receive the waste listed on this Manifest. The address must be the site address, which may differ from the company mailing address.

**Item 10. U.S. EPA ID Number**

Enter the U.S. EPA twelve digit identification number of the designated facility identified in item 9.

**Item 11. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number (UN/NA))**

Enter the U.S. DOT Proper Shipping Name, Hazard Class, and ID Number (UN/NA) for each waste as identified in 49 CFR 171 through 177.

Note — If additional space is needed for waste descriptions, enter these additional descriptions in Item 11 on a second Hazardous Waste Manifest Document.

**Item 12. Container (No. and Type)**

Enter the number of containers for each waste and the appropriate abbreviation from Table 1 (below) for the type of container.

#### Table 1 - Types of Containers

DM — Metal drums, barrels, kegs  
DW — Wooden drums, barrels, kegs  
DF — Fiberboard or plastic drums, barrels, kegs  
TP — Tanks portable  
TT — Cargo tanks (tank trucks)  
TC — Tank cars  
DT — Dump truck  
CY — Cylinders  
CM — Metal boxes, cartons, cases (including roll-offs)  
CW — Wooden boxes, cartons, cases  
CF — Fiber or plastic boxes, cartons, cases  
BA — Burlap cloth, paper or plastic bags

**Item 14. Unit (Wt./Vol.)**

Enter the appropriate abbreviation from Table II (below) for the unit of measure.

#### Table II — Units of Measure

G — Gallons (liquids only)*	L — Liters (liquids only)*
P — Pounds	K — Kilograms
T — Tons (2000 lbs)	M — Metric tons (1000 kg)
Y — Cubic yards*	N — Cubic meters*

\*IF THESE CODES ARE USED THEN YOU MUST INCLUDE THE SPECIFIC GRAVITY ROUNDED TO THE NEAREST TENTH IN ITEM J.

**Item 15. Special Handling Instructions and Additional Information**

Generators may use this space to indicate special transportation, treatment, storage, or disposal information or Bill of Lading information. For international shipments, generators must enter in this space the point of departure (City and State) for those shipments destined for treatment, storage, or disposal outside the jurisdiction of the United States.

**Item 16. Generator's Certification (See 40 CFR Part 262 Appendix For Waste Minimization Details)**

The generator must read, sign (by hand), and date the certification statement. If a mode other than highway is used, the word "highway" should be crossed out and the appropriate mode (rail, water, or air) inserted in the space below. If another mode in addition to the highway mode is used, enter the appropriate additional mode (e.g., and rail) in the space below. Generators may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator certifications.

Note — All of the above information except the handwritten signature required in item 16 may be preprinted.

#### TRANSPORTERS

**Item 17. Transporter 1 Acknowledgement of Receipt of Materials.**

Enter the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the Manifest by signing and entering the date of receipt. This signature shall be that of the actual driver.

**Item 18. Transporter 2 Acknowledgement of Receipt of Materials.**

Enter, if applicable, the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the Manifest by signing and entering the date of receipt. This signature shall be that of the actual driver.

Note — International Shipments — Transporter Responsibilities.

Exports — Transporters must sign and enter the date the waste left the United States in item 15 of Form 8700-22.

Imports — Shipments of hazardous waste regulated by RCRA and transported into the United States from another country must upon entry be accompanied by the U.S. EPA Uniform Hazardous Waste Manifest. Transporters who transport hazardous waste into the United States from another country are responsible for completing the Manifest (40 CFR 263.10(c)(1)).

#### OWNERS AND OPERATORS OF TREATMENT, STORAGE, OR DISPOSAL FACILITIES

**Item 19. Discrepancy Indication Space**

The authorized representative of the designated (or alternate) facility's owner or operator must note in this space any significant discrepancy between the waste described on the Manifest and the waste actually received at the facility.

Owners and operators of facilities located in unauthorized States (i.e., the U.S.) EPA administers the hazardous waste management program) who cannot resolve significant discrepancies within 15 days of receiving the waste must submit to their Regional Administrator and also to the Missouri Department of Natural Resources, a letter with a copy of the Manifest at issue describing the discrepancy and attempts to reconcile it (40 CFR 264.72, 265.72, and 10 CSR 25-7.011).

Owners and operators of facilities located in Missouri, who cannot resolve the discrepancy within fifteen (15) days after receiving the waste must promptly submit to the department a letter describing the discrepancy and attempts to reconcile it, and a copy of the manifest at issue.

**Item 20. Facility Owner or Operator: Certification of Receipt of Hazardous Materials Covered by This Manifest Except as Noted in Item 19.**

Print or type the name of the person accepting the waste on behalf of the owner or operator of the facility. That person must acknowledge acceptance of the waste described on the Manifest by signing and entering the date of receipt.



## 10 CSR 25-7—NATURAL RESOURCES

## Division 25—Hazardous Waste Management Commission

## STATE SECTION INSTRUCTIONS

To Be Completed by the Generator and the Designated Facility  
(Items A through K)

**IMPORTANT:** Both the Generator's (green) and the department's original copy must be returned to you within 35 days after the date the waste was accepted by the initial transporter. Should you not receive a completed manifest back within 35 days, you **MUST** complete and transmit an **EXCEPTION REPORT** to the Department within 45 days after the date the waste was accepted by the initial transporter.

## ITEM A. Missouri Manifest Generators Document Number

1. Enter the six (6) digit Missouri Generator I.D. number which the Missouri Department of Natural Resources has assigned to your facility (reference EPA Form 8700-12/MDNR HWG-1).
2. Enter the shipment number which is a four (4) digit number starting with 0001. This number increases one (1) digit for each consecutive hazardous waste shipment (entire truck-load) which leaves your company.
  - a. Special instructions for out-of-state generators: Enter the shipment number which is a four (4) digit number starting with 0001, which increases one (1) digit for each consecutive hazardous waste shipment (entire truckload) which enters Missouri.

ITEM B. Enter the location address (street, city and state if different) where the waste is being picked up. Enter "same" if the mailing and location address are identical.

ITEM C. Enter the first transporter's Missouri license number assigned to the transportation firm by the department then enter the state of registration and then the license plate number of the waste carrying portion of the vehicle (e.g., MO 12334).

ITEM D. Enter the first transporter's telephone number.

ITEM E. Enter the second transporter's Missouri license number, assigned to the transportation firm by the department (if applicable) then enter the state of registration and the license plate number of the waste carrying portion of the vehicle (e.g., MO 12344).

ITEM F. Enter the second transporter's telephone number.

ITEM G. Enter the 6 digit identification code of the designated facility assigned by the department (if applicable). If none has been assigned, leave blank.

ITEM H. Enter the designated facility's telephone number.

ITEM I. EPA Waste No.: Enter the EPA waste number from 40 CFR Part 261, Subparts C & D. If none is applicable, enter "NONE". Do NOT leave blank. Enter other applicable EPA waste codes under Item J. All regulated constituents within a mixture must be identified.

State Waste No.: Enter the Destination State Waste Code if one exists. If there is no Destination State Waste Code, enter the Generator State code here. If there is both a Destination and Generator State waste code, enter the Destination State waste code under Item I, and the Generator State code under Item J.

If no state waste code exists, enter "NONE".

ITEM J. Enter the additional U.S. EPA waste codes followed by a percentage range by volume of each, and if applicable, the specific gravity rounded off to the nearest tenth for each waste that is shipped. Also, this space may be used for additional required information imposed by other states.

ITEM K. Do not make an entry here. The designated facility is required to complete this item. As a generator, you should separately specify or instruct the designated facility on how you want the waste listed on this manifest handled.

## INSTRUCTIONS FOR HANDLING THE MANIFEST DOCUMENT

1. The generator shall complete the generator portion of the manifest document prior to the actual shipment. The generator, or an authorized agent, shall place his signature on the document. The generator shall obtain a signature from the driver (Item 17). The generator shall then retain the goldenrod copy as proof of shipment.
2. The truck driver then carries this document (if mode of transport is by railroad, see federal instructions) along with the actual shipment to the final destination and shall obtain a handwritten signature from an authorized agent of the designated facility. The transporter shall retain the pink copy of the manifest document for his records.
3. The designated facility operator shall then file the canary copy for his file and forward both the original and the green copy back to the generator within 35 days after the date the waste was accepted by the initial transporter. See special instructions to the designated facility.

## INSTRUCTIONS FOR THE DESIGNATED FACILITY

1. This manifest document contains an optional copy (blue) should, an out-of-state generator's state regulatory office require that you send it directly to that state office. If that is not required, then send the optional copy back to the generator.
2. Discrepancy Instructions. If not resolved between the generator and the designated facility within 15 days of the shipment's arrival, the designated facility shall promptly submit a letter which details the situation to the department.

**Special Manifest Handling Instructions for Shipment by Rail.** After the generator completes and signs the manifest document and retains the goldenrod copy, he may mail this document directly to the designated facility.

ITEM K. The designated facility is required to complete this item.

- If final disposition is to occur at the facility listed on this manifest, enter the appropriate handling code from the following table for each waste.
- If final disposition is to occur at a facility other than the facility listed on this manifest, enter the appropriate handling code in the "interim" column then enter the final handling code from the following table which is intended for each waste identified on this manifest when reshipped.

HANDLING CODE TABLE	
INTERIM — ONLY THE FOLLOWING CODES MAY BE USED	FINAL — ONLY THE FOLLOWING CODES MAY BE USED
<ul style="list-style-type: none"> <li>• STORAGE               <ul style="list-style-type: none"> <li>S01 - CONTAINER (BARREL, DRUM, ETC.)</li> <li>S02 - TANK</li> <li>S03 - WASTE PILE</li> <li>S04 - SURFACE IMPOUNDMENT</li> <li>S05 - OTHER (SPECIFY IN COMMENT SECTION)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• TREATMENT               <ul style="list-style-type: none"> <li>T02 SURFACE IMPOUNDMENT</li> <li>T03 INCINERATION</li> <li>T04 OTHER (FUEL BLEND, REDISTILLATION, SEPARATION OF COMPONENTS, NEUTRALIZATION, ETC., SPECIFY IN COMMENT SECTION)</li> </ul> </li> <li>• DISPOSAL               <ul style="list-style-type: none"> <li>D09 DEEPWELL INJECTION</li> <li>D80 LANDFILL</li> <li>D81 LAND APPLICATION</li> <li>D83 SURFACE IMPOUNDMENT (TO BE CLOSED AS A LANDFILL)</li> <li>D84 OTHER (SPECIFY IN COMMENT SECTION)</li> </ul> </li> </ul>

INSTRUCTIONS FOR THE COM-  
PLETION OF THIS FORM ARE ON A  
SEPARATE SHEET.

THIS DOCUMENT MUST BE USED  
FOR ALL MISSOURI-DESTINED  
SHIPMENTS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
Division of Environmental Quality  
Waste Management Program  
P.O. Box 176 Jefferson City, Missouri 65102  
314-751-3176

## HAZARDOUS WASTE MANIFEST

EMERGENCY RESPONSE  
U.S. COAST GUARD  
1-800-424-6802  
CHEM TREC  
1-800-424-9300  
DEPT OF NATURAL RESOURCES  
314-634-2436

Please print or type (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page	Information in the shaded areas is required by State law.	
3. Generator's Name and Mailing Address Knapheide Mfg. Co. Highway 24 West; West Quincy, MO 63471		M 0 0 0 0 0 7 6 6 9 9 8 9 2 X X X	19 2 X X X	1 of 1	A. Missouri Manifest Document Number 0 0 4 8 0 9 X X X X	
4. Generator's Phone ( 217 ) 222-7131					B. G.S.I. (Gen. Site Address) SAME	
5. Transporter 1 Company Name ABC Hauling Co.		6. US EPA ID Number Obtain From Transporter		C. MO. Trans. ID Mo. Lic. #, State		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone Obtain from		
9. Designated Facility Name and Site Address XYZ Recycling & Disposal Co. 123 Dump Street City, State, Zip Code		10. US EPA ID Number Obtain From Facility		E. MO. Trans. ID		
				F. Transporter's Phone		
				G. State Facility's ID Obtain From Facility		
				H. Facility's Phone Obtain From Facility		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. RQ - Waste _____, Flammable Liquid, UNXXXX		Number Type				EPA WASTE CODE F 0 0 X STATE N O N E
b.		0 0 1 T T		1 8 0 0	G	EPA WASTE CODE STATE
c.						EPA WASTE CODE STATE
d.						EPA WASTE CODE STATE
J. Additional Descriptions for Materials Listed Above		K. HANDLING CODE (FACILITY USE ONLY)				
a. Specific Gravity = .9		INTERIM FINAL COMMENTS				
b.						
c.						
d.						
15. Special Handling Instructions and Additional Information Item IIA: Refer to US DOT 1990 Emergency Response Guide book - Guide No. XX IF MATERIAL IS NOT DELIVERABLE, RETURN TO GENERATOR						
16. GENERATOR'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.						
Printed/Typed Name John A. Doe		Signature To Be Signed/Dated on Day of Shipment		Month Day Year		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature To Be Signed/Dated On Day of Shipment		Date Month Day Year		
Printed/Typed Name James A. Smith						
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year		
Printed/Typed Name						
19. Discrepancy Indication Space						
20. Designated Facility Owner or Operator: Certification of receipt and handling of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Date Month Day Year		

of Regis.  
License  
Plate #

MISSOURI DNR FINAL COPY - PART 1  
Transporter

THIS COPY MUST BE SENT BACK TO THE GENERATOR BY THE DESIGNATED FACILITY THEN TRANSMITTED TO THE DEPARTMENT BY THE GENERATOR.